

631.8  
G29c  
1963/64

GEORGIA DEPARTMENT OF AGRICULTURE  
ATLANTA, GEORGIA

---

---

PHIL CAMPBELL  
Commissioner of Agriculture



THE LIBRARY OF THE  
JAN 24 1969  
UNIVERSITY OF ILLINOIS

COMMERCIAL FERTILIZERS  
AND  
LIMING MATERIALS

INSPECTED AND ANALYZED IN THE STATE OF GEORGIA  
FOR THE FISCAL YEAR JULY 1, 1963 - JUNE 30, 1964  
COMPARISON BETWEEN THE GUARANTEED COMPOSITION  
AND ANALYSIS OF COMMERCIAL FERTILIZERS.





24 Feb 62 direct gift cert.

[illegible]





Manufacturer or Registrant	Grades Sampled	Number Meeting Requirements	Number of Deficiencies	Average Analysis Meeting Requirements	Average Analysis of Deficiencies	Found Commercial Value of Deficiencies	Found Commercial Value Meeting Requirements	Assessed Commercial Value
Associated Cooperatives, Inc.	30-10-0 32% 33.5%	1 1 2 4	0 0 0 0	29.40-9.50-0 32.20% 33.25%	0 0 0	0 0 0	101.70 66.40 68.50	104.00 66.00 69.00
Augusta Fertilizer Company	5-10-15	2 2	0 0	4.75-9.75-14.80	0	0	42.80	44.00
H. J. Baker and Brother, Inc.	20.5% 26%	1 2 3	0 0 0	20.30% 26.30%	0 0	0 0	52.75 67.75	53.25 67.00
Bell Fertilizer Company	4-12-12 5-10-15	2 2 4	0 0 0	4.25-12.10-11.08 4.80-10.50-13.70	0 0	0 0	39.93 42.60	40.00 44.00
Berrien Products Company, Inc.	3-76-9-9T 3-76-9-13T 4-76-9-3T 4-76-8-12T 4-12-12 5-10-15 6-3-24	3 4 2 6 5 14 2 36	0 0 0 0 1 2 0 3	3.00-75-9.27-8.93 3.20-75-9.23-12.60 4.05-81-9.00-4.20 4.03-76-8.32-11.78 3.99-11.80-11.68 4.73-10.13-14.93 5.53-4.00-22.75	0 0 0 0 3.35-12.20-11.10 4.41-10.65-13.73 0	0 0 0 0 37.35 41.61 0	36.45 41.03 34.74 42.98 39.45 43.25 47.34	36.04 40.04 34.72 42.72 40.00 44.00 49.00
The Blackshear Manufacturing Company	3-70-9-9T 3-76-9-9T 4-76-8-12T 4-8-8 4-8-18 4-12-12 5-10-15 6-12-12	12 13 5 7 1 16 19 4 77	0 0 0 0 0 0 0 0 0	3.09-73-9.33-9.66 3.24-77-9.02-9.26 3.98-75-8.18-12.22 3.94-8.09-9.02 4.00-8.90-17.50 4.13-11.40-12.50 4.81-9.73-14.97 6.33-12.15-12.63	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0	38.07 37.25 43.27 32.93 42.40 40.29 43.13 47.77	37.30 36.04 42.72 32.00 42.00 40.00 44.00 46.00
Blue Belt Fertilizer Company	3-76-9-9T 3-76-9-13T 4-12-12 5-10-15	1 5 1 11 18	0 1 0 0 1	2.90-71-9.10-8.30 3.26-78-9.16-12.70 4.00-11.60-11.10 4.82-10.16-14.50	0 3.00-76-9.90-12.40 0 0	0 40.34 0 0	35.98 40.68 38.70 43.12	36.04 40.04 40.00 44.00
W. C. Bradley Company	4-12-12	1 1	0 0	4.25-11.00-12.30	0	0	40.05	40.00
The H. W. Bray Gin and Fertilizer Company	5-10-15	4 4	0 0	4.89-9.78-14.84	0	0	43.29	44.00
Bryant's, Incorporated	4-12-12 5-10-15	2 2 4	0 0 0	4.25-12.50-11.30 4.55-10.65-13.78	0 0	0 0	40.55 42.08	40.00 44.00
Bulloch Fertilizer Company	19%	1 1	0 0	19.25%	0	0	40.50	40.00
Carr and Boatright Company	4-12-12 5-10-15 6-12-12	1 9 2 12	0 1 0 1	4.00-11.40-12.20 4.93-10.63-14.84 5.80-11.90-12.10	0 5.25-13.45-9.30 0	0 42.50 0	39.60 44.26 45.40	40.00 44.00 46.00
Carroll Fertilizer Company	4-12-12 5-10-15	1 1 2	0 0 0	4.05-11.20-11.80 4.85-9.70-14.70	0 0	0 0	39.15 42.95	40.00 44.00
Carter Farm Supply Company	10-20-30	2 2	0 0	9.60-19.15-31.60	0	0	83.55	84.00
Cartledge Fertilizer Company Div. of Wilson & Toomer Fertilizer Company	8-24-24	1 1	0 0	8.30-24.00-22.00	0	0	74.90	76.00
Chapman Farm Supplies	5-10-15 10-20-30	1 1 2	0 1 1	5.60-11.30-13.80 9.50-20.20-28.00	0 8.20-19.00-32.00	0 77.60	45.90 80.70	44.00 84.00
Chilean Nitrate Sales Corporation	15-0-14 16%	2 21 23	0 0 0	15.05-0-13.60 16.07%	0 0	0 0	62.75 50.21	63.00 50.00





Manufacturer or Registrant	Grades Sampled	Number Meeting Requirements	Number of Deficiencies	Average Analysis Meeting Requirements	Average Analysis of Deficiencies	Found Commercial Value of Deficiencies	Found Commercial Value Meeting Requirements	Assessed Commercial Value
Chokee Liquid Plant Foods, Inc.	5-6-12 10-5-10 12-4-8 14-5-9 14-7-7 16-4-8 32% 15	1 4 2 2 1 4 1 15	0 0 0 0 0 0 0 0	5.30-5.50-11.90 9.85-5.60-9.80 11.58-4.25-7.85 14.00-5.20-8.30 14.35-7.45-7.00 15.54-4.55-7.78 30.80%	0 0 0 0 0 0 0	0 0 0 0 0 0 0	37.30 48.95 50.84 59.50 61.50 62.95 63.60	37.00 49.00 52.00 60.00 60.00 64.00 66.00
Columbia Nitrogen Corporation	19% 20.5% 30% 32% 33.5% 28	4 11 7 5 1 28	0 0 0 0 0 0	19.16% 20.43% 29.70% 31.75% 33.60%	0 0 0 0 0	0 0 0 0 0	40.32 53.08 61.40 65.50 69.20	40.00 53.25 62.00 66.00 69.00
Comer Fertilizer Company	4-12-12 5-10-15 6-12-12 5	1 2 2 5	1 0 0 1	4.30-11.00-11.00 4.78-10.60-14.15 5.95-12.10-11.50	3.70-11.00-11.05 0 0	37.15 0 0	38.90 43.09 45.45	40.00 44.00 46.00
Commercial Solvents Corporation	33.5% 7	7 7	0 0	33.55%	0	0	69.10	69.00
Cotton Producers Association	0-14-14 0-10-20 3-80-9-9T 3-80-9-13T 4-80-8-12T 4-12-12 5-10-15 6-12-12 8-95-12-12 8-8-2 8-12-12 8-24-24 10-10-10 10-20-30 12-24-24 15-0-15 32% 60% 669	5 6 16 45 27 152 294 49 0 1 0 10 8 33 17 1 4 1 669	0 0 1 0 0 2 9 2 1 0 1 2 0 6 2 5 0 0 31	0-14.20-14.24 0-10.42-19.63 3.24-78-8.90-8.98 3.22-79-9.08-13.31 4.11-79-8.09-12.16 4.18-11.81-12.10 4.92-10.25-14.91 6.02-11.68-12.39 0 7.40-8.30-3.70 0 7.86-24.50-23.44 9.70-10.54-10.06 9.63-19.92-29.73 12.04-23.69-23.62 14.70-0-18.50 31.41% 59.6%	0 0 3.25-78-10.00-7.00 0 0 4.08-13.30-10.25 4.77-10.78-13.03 5.10-3.28-10.66 6.50-95-10.40-12.70 0 7.22-10.90-8.87 6.15-23.40-26.80 0 8.91-18.17-29.72 11.20-22.08-21.05 14.15-0-15.50 0 0	0 0 36.49 0 0 39.79 42.12 43.24 55.40 0 45.43 72.65 0 78.62 76.73 61.95 0 0	32.44 34.05 36.57 40.81 42.60 40.45 43.92 46.13 0 38.20 0 75.52 53.70 82.54 87.43 66.60 64.82 49.68	32.00 34.00 35.20 39.20 41.60 40.00 44.00 46.00 54.00 38.00 52.00 76.00 54.00 84.00 88.00 64.00 66.00 50.00
Cotton States Fertilizer Co.	0-10-20 4-12-12 5-10-15 6-12-12 69	1 26 41 1 69	0 0 0 0 0	0-9.90-20.10 4.22-11.82-12.45 4.96-10.12-14.94 6.50-12.20-11.50	0 0 0 0	0 0 0 0	34.00 40.93 43.94 47.20	34.00 40.00 44.00 46.00
Newton Crouch	0-14-14 0-10-20 4-12-12 5-10-15 6-12-12 9-9-9 32% 16	1 1 3 1 2 1 7 16	0 0 0 0 0 0 0 0	0-14.00-14.00 0-10.10-20.85 4.22-11.53-11.87 4.60-13.00-14.10 5.75-11.65-11.50 8.84-9.00-9.10 31.66%	0 0 0 0 0 0 0	0 0 0 0 0 0 0	32.00 34.95 40.06 44.90 44.40 48.52 65.32	32.00 34.00 40.00 44.00 46.00 49.00 66.00
The W. F. Cullen's Fertilizer Company	4-12-12 4	4 4	0 0	4.31-12.03-12.48	0	0	41.44	40.00
Dawson Compress and Storage Co.	4-12-12 2	2 2	0 0	3.83-12.55-12.25	0	0	40.29	40.00
Dollar Fertilizer Company, Inc.	0-10-10 0-10-20 5-10-15 10-20-30 8	0 1 4 3 8	1 0 0 2 3	0 0-9.60-20.90 5.88-10.16-14.39 9.77-18.73-30.55	0-10.40-7.20 0 0 10.60-20.25-25.15	19.60 0 0 81.20	0 34.50 46.15 82.59	24.00 34.00 44.00 84.00
Doster Guano Company	4-12-12 5-10-15 5	2 3 5	0 0 0	3.98-11.45-11.30 4.75-10.07-14.03	0 0	0 0	38.69 42.35	40.00 44.00
Douglas Fertilizer Company	3-76-9-9T 5-10-15 2	1 1 2	0 0 0	2.95-75-9.10-8.30 4.85-9.50-14.40	0 0	0 0	35.46 42.45	36.04 44.00

Digitized by the Internet Archive  
in 2024 with funding from  
University of Illinois Urbana-Champaign Alternates

<https://archive.org/details/commercialfertil1963geor>



Manufacturer or Registrant	Grades Sampled	Number Meeting Requirements	Number of Deficiencies	Average Analysis Meeting Requirements	Average Analysis of Deficiencies	Found Commercial Value of Deficiencies	Found Commercial Value Meeting Requirements	Assessed Commercial Value
Draughon and Griggs Peanut Co.	4-12-24 7-14-21 21-0-21	1 4 0 5	0 2 1 3	4.02-11.60-24.20 7.40-14.35-22.40 0	0 5.30-11.15-23.65 22.05-0-17.60	0 54.70 65.95	51.86 63.27 0	52.00 60.00 80.00
Escambia Chemical Corporation	19% 20% 21% 30% 32% 33.5%	2 3 1 14 18 4 42	0 0 0 0 0 0 0	19.08% 20.32% 21.35% 30.03% 31.56% 33.6%	0 0 0 0 0 0	0 0 0 0 0 0	40.16 42.64 44.70 62.06 65.12 69.20	40.00 42.00 44.00 62.00 66.00 69.00
Etheredge Guano Company, Inc.	4-76-8-12 4-3-12 4-12-12 5-10-15 6-8-6 6-12-12 15-0-15	1 7 27 29 1 0 1 65	0 0 0 4 0 2 0 6	4.20-82-8.50-12.00 4.11-9.05-11.90 4.14-11.63-12.25 4.73-10.25-14.61 5.50-10.20-7.00 0 14.70-0-16.60	0 0 0 4.38-10.80-13.75 0 5.10-12.00-13.08 0	0 0 0 41.69 0 44.38 0	42.42 37.28 40.30 43.05 37.70 0 64.70	42.72 36.00 40.00 44.00 36.00 46.00 64.00
Eufaula Cotton Oil Company	4-12-12 6-12-12	1 1 2	0 0 0	4.20-11.70-14.30 6.00-12.00-11.00	0 0	0 0	42.60 45.00	40.00 46.00
Evans, Reed, and Williams	0-20-30 3-9-9 4-76-8-8 4-8-12 4-8-8 4-12-12 5-10-15 5-10-20 6-12-12	1 1 1 1 2 2 5 2 1 16	0 0 0 0 0 0 0 0 0 0	0-19.75-29.10 3.65-8.10-8.10 4.00-81-8.70-8.50 3.80-8.50-12.90 4.18-8.60-8.70 4.33-11.90-12.80 4.96-9.84-15.24 4.90-10.40-19.35 6.70-12.30-12.80	0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0	52.85 31.15 38.52 36.80 33.84 41.69 43.96 48.45 49.20	54.00 31.00 38.72 36.00 32.00 40.00 44.00 49.00 46.00
Evergreen Chemical Company	5-10-15 8-24-24	0 0 0	2 1 3	0 0	4.55-8.50-11.80 7.70-20.90-21.50	37.95 69.50	0 0	44.00 76.00
Farm Supply Company	0-18-36 4-12-12 6-18-18	1 1 1 3	0 0 0 0	0-18.80-35.80 4.65-12.10-15.10 5.80-18.60-18.75	0 0 0	0 0 0	58.60 45.15 58.75	58.00 40.00 58.00
Farmers Chemical Association, Incorporated	30.01% 32% 33.5%	4 1 16 21	0 0 0 0	30.26% 32.20% 33.53%	0 0 0	0 0 0	62.52 66.40 69.06	62.02 66.00 69.00
Farmers Fertilizer and Milling Company	4-0-8 4-12-12 5-10-15	2 3 16 21	0 0 0 0	4.23-9.45-9.25 3.90-12.07-12.50 5.01-10.09-15.53	0 0 0	0 0 0	35.39 40.51 44.65	32.00 40.00 44.00
Farmers Warehouse Company	0-10-20 4-12-12 5-10-15 6-12-12	1 4 0 2 15	0 0 1 0 1	0-10.80-19.00 3.06-11.55-12.33 4.77-10.16-14.46 5.70-11.70-12.10	0 0 4.30-11.40-14.40 0	0 0 42.70 0	33.80 39.46 42.93 44.90	34.00 40.00 44.00 46.00
Fidelity Products Company	4-12-12 5-10-15 6-12-12	5 7 8 20	0 1 0 1	4.11-11.66-11.72 4.80-10.11-15.00 5.88-11.79-11.95	0 4.65-10.90-11.85 0	0 40.70 0	39.71 43.51 45.38	40.00 44.00 46.00
The Fort Valley Oil Company	6-12-12	1 1	0 0	5.90-11.70-11.50	0	0	44.90	46.00
Fowler Fertilizer Company	4-8-0 4-12-12 5-10-15 6-8-6 6-12-12 8-8-8 19%	4 50 38 3 9 2 3 117	0 1 0 0 0 0 0 1	5.60-8.53-8.10 4.30-11.05-12.40 5.00-10.20-15.11 5.93-8.80-6.43 6.37-12.10-12.38 8.20-8.70-7.85 19.25%	0 4.10-8.00-5.20 0 0 0 0 0	0 33.30 0 0 0 0 0	37.33 41.15 44.31 37.02 47.59 45.15 40.50	32.00 40.00 44.00 36.00 46.00 44.00 40.00





Manufacturer or Registrant	Grades Sampled	Number Meeting Requirements	Number of Deficiencies	Average Analysis Meeting Requirements	Average Analysis of Deficiencies	Found Commercial Value of Deficiencies	Found Commercial Value Meeting Requirements	Assessed Commercial Value
Georgia Belle Guano Company	6-12-12	<u>1</u>	<u>0</u>	6.30-11.60-13.80	0	0	48.30	46.00
		1	0					
Georgia Fertilizer Company	3-76-9-9T	4	0	3.28-75-8.93-9.20	0	0	37.71	36.04
	3-76-9-13T	6	0	3.17-77-9.28-12.35	0	0	40.25	40.04
	4-8-8	2	0	3.75-8.40-7.85	0	0	31.50	32.00
	4-12-12	17	0	4.06-11.78-12.25	0	0	40.21	40.00
	5-10-15	21	0	4.84-10.34-14.52	0	0	43.38	44.00
	6-12-12	1	0	6.40-11.80-12.50	0	0	47.50	46.00
	15-0-15	<u>3</u>	<u>0</u>	14.92-0-14.33	0	0	63.09	64.00
		54	0					
Gough Fertilizer Company	5-10-15	2	0	5.23-10.10-14.55	0	0	44.34	44.00
	8-24-24	1	0	8.30-23.40-22.00	0	0	74.30	76.00
	10-20-30	<u>4</u>	<u>0</u>	10.20-20.85-28.75	0	0	84.15	84.00
		7	0					
Graco Fertilizer Company, Inc.	0-10-20	1	0	0-9.50-21.90	0	0	35.40	34.00
	0-20-30	1	0	0-20.80-30.40	0	0	55.20	54.00
	4-76-8-12T	2	0	4.15-76-8.15-11.95	0	0	43.55	42.72
	5-10-15	11	0	4.68-10.12-15.19	0	0	43.35	44.00
	8-24-24	1	0	8.10-27.40-22.65	0	0	78.35	76.00
	10-20-30	<u>4</u>	<u>0</u>	11.08-19.30-30.00	0	0	86.54	84.00
		20	0					
International Minerals and Chemical Corporation	0-14-14	18	0	0-13.67-14.19	0	0	31.86	32.00
	0-10-20	6	0	0-9.98-19.80	0	0	33.78	34.00
	3-72-9-9T	28	0	2.96-72-9.05-8.94	0	0	36.68	36.88
	3-72-9-13T	21	1	3.08-76-9.01-12.57	3.10-70-9.60-12.20	41.68	40.00	40.88
					Chlorine Penalty			
	3-76-9-13T	3	0	3.02-76-8.97-13.07	0	0	40.14	40.04
	3-80-9-9T	5	0	2.95-77-8.66-8.72	0	0	34.99	35.20
	3-9-12	7	0	3.08-9.10-11.77	0	0	34.11	34.00
	3-9-18	3	0	3.03-9.17-17.57	0	0	39.83	40.00
	3-9-21	8	1	2.97-9.05-20.49	3.05-9.10-13.55	33.80	42.45	43.00
	3-9-24	1	0	3.05-8.90-22.40	0	0	44.45	46.00
	4-72-8-12T	17	0	3.94-74-8.24-12.11	0	0	43.31	43.84
	4-8-8	5	0	3.91-8.22-8.32	0	0	32.27	32.00
	4-8-12	1	0	4.00-8.10-12.80	0	0	36.90	36.00
	4-12-12	147	1	3.99-11.53-12.09	3.35-13.10-9.85	35.00	39.59	40.00
	5-10-15	246	5	4.80-9.94-14.86	4.40-10.34-14.48	42.02	43.20	44.00
	6-8-6	1	0	5.80-7.70-6.10	0	0	35.20	36.00
	6-12-12	70	4	5.81-11.56-12.04	5.03-12.08-11.94	43.11	45.03	46.00
	6-3-24T	5	0	5.56-4.16-22.71	0	0	47.55	49.00
	8-8-8	0	1	0	6.80-9.00-10.90	44.30	0	44.00
	8-24-24	2	0	7.70-23.70-23.55	0	0	74.35	76.00
	10-20-30	2	0	9.95-20.10-29.30	0	0	83.25	84.00
	15-0-15	2	0	14.88-0-16.50	0	0	65.14	64.00
	20-0-20	11	0	19.75-0-19.95	0	0	83.20	84.00
	25-0-10	1	1	26.60-0-10.35	22.40-0-11.15	82.65	94.15	89.00
	19%	1	0	19.25%	0	0	40.50	40.00
	20.5%	1	0	20.30%	0	0	52.75	53.25
	30%	2	0	30.13%	0	0	62.26	62.00
	32%	3	0	32.10%	0	0	66.20	66.00
	33.5%	1	0	33.60%	0	0	69.20	69.00
	20% Super.	1	0	19.35%	0	0	21.35	22.00
	60% Potash	<u>1</u>	<u>0</u>	59.60%	0	0	49.68	50.00
		620	14					
Johnson Fertilizer Company	4-12-12	1	0	4.40-11.60-11.30	0	0	40.10	40.00
	5-10-15	1	0	5.00-9.30-15.80	0	0	44.10	44.00
	6-12-12	<u>0</u>	<u>1</u>	0	5.70-10.40-11.75	41.25	0	46.00
		2	1					
Louisville Fertilizer and Gin Company	0-10-20	1	0	0-9.50-20.90	0	0	34.00	34.00
	4-12-12	11	0	4.09-11.75-12.36	0	0	40.38	40.00
	5-10-15	40	0	4.84-10.15-14.96	0	0	43.63	44.00
	6-12-12	8	0	5.98-11.56-12.23	0	0	45.73	46.00
	15-0-15	<u>2</u>	<u>0</u>	14.70-0-15.40	0	0	63.50	64.00
		62	0					
Lovett and Company	4-8-8	1	0	3.85-8.00-8.60	0	0	32.15	32.00
	4-12-12	8	0	4.13-11.94-12.06	0	0	40.39	40.00
	5-10-15	<u>14</u>	<u>0</u>	5.08-10.18-14.76	0	0	44.18	44.00
		23	0					
Lovett and Brinson, Inc.	3-76-9-13T	1	0	3.25-77-9.50-13.30	0	0	41.80	40.04
	4-12-12	5	0	4.04-11.90-11.36	0	0	39.38	40.00
	5-10-15	<u>1</u>	<u>0</u>	4.90-10.50-13.90	0	0	43.10	44.00
		7	0					





Manufacturer or Registrant	Grades Sampled	Number Meeting Requirements	Number of Deficiencies	Average Analysis Meeting Requirements	Average Analysis of Deficiencies	Found Commercial Value of Deficiencies	Found Commercial Value Meeting Requirements	Assessed Commercial Value
Mason Gin and Fertilizer Company	4-12-12	6	0	4.01-11.98-11.90	0	0	39.91	40.00
	5-10-15	2	0	5.05-10.55-14.65	0	0	44.35	44.00
	6-12-12	1	0	5.90-12.10-12.20	0	0	46.00	46.00
	19%	1	0	18.90%	0	0	39.80	40.00
		10	0					
Olin Mathieson Chemical Corporation	8-24-24	7	0	9.51-24.97-24.09	0	0	81.59	76.00
		7	0					
McDuffie Oil and Fertilizer Company	4-12-12	1	0	4.00-12.10-11.90	0	0	40.00	40.00
	5-10-15	1	0	4.95-10.00-14.50	0	0	43.35	44.00
		2	0					
P. R. McKnight and Son	5-10-15	1	0	4.60-10.50-15.10	0	0	43.40	44.00
		1	0					
The Millen Fertilizer Company	0-10-20	1	0	0-10.10-21.90	0	0	36.00	34.00
	3-75-9-13T	5	0	3.31-76-9.46-14.24	0	0	43.16	40.25
	4-12-12	21	0	4.17-11.40-12.54	0	0	40.45	40.00
	5-10-15	28	0	4.79-9.98-15.40	0	0	43.75	44.00
	6-12-12	2	0	6.10-11.20-12.65	0	0	46.15	46.00
		57	0					
Mississippi Chemical Corporation	32%	3	0	32.09%	0	0	66.18	66.00
		3	0					
Monroe Gin and Fertilizer Co.	5-10-15	1	0	5.05-10.00-14.50	0	0	43.65	44.00
		1	0					
Monsanto Chemical Company	18-46-0	1	0	18.20-46.80-0	0	0	105.40	104.00
	30%	6	0	29.75%	0	0	61.60	62.00
	32%	3	0	32.20%	0	0	66.40	66.00
	33.5%	7	0	33.59%	0	0	69.18	69.00
		17	0					
Mutual Fertilizer Company	3-68-9-9T	3	0	2.92-71-9.17-8.87	0	0	36.75	37.72
	3-76-9-9T	51	0	3.08-75-9.05-9.09	0	0	36.77	36.04
	3-76-9-13T	4	0	3.10-75-9.05-12.70	0	0	40.44	40.04
	4-76-8-12T	3	0	4.50-77-8.30-11.80	0	0	40.81	42.72
	4-8-8	3	0	4.68-7.93-8.27	0	0	32.44	32.00
	4-12-12	52	1	4.05-11.77-12.24	4.60-12.90-10.00	40.70	40.16	40.00
	4-9-13	1	0	4.60-9.60-13.35	0	0	40.75	38.00
	5-10-10	1	0	5.00-10.40-10.60	0	0	40.00	39.00
	5-10-15	60	1	4.90-10.14-14.66	4.85-11.60-13.10	43.25	43.50	44.00
	6-12-12	1	0	6.10-11.60-11.60	0	0	45.50	46.00
	6-3-24	1	0	6.00-3.50-23.00	0	0	48.50	49.00
	8-8-8	1	0	7.80-8.60-7.80	0	0	43.80	44.00
	10-6-4	1	0	9.70-6.90-4.00	0	0	44.00	44.00
	10-10-10	2	0	9.85-10.05-9.50	0	0	53.10	54.00
	16%	1	0	16.10%	0	0	50.30	50.00
	20.5%	1	0	19.95%	0	0	51.87	53.25
		186	0					
Na-Chur Plant Food	10-20-10	2	0	10.90-20.10-10.05	0	0	66.85	64.00
		2	0					
National Gypsum Company	68%	1	0	72%	0	0		
		1	0					
Nitrogen Division (Allied Chemical Corporation)	19%	6	0	19.25%	0	0	40.50	40.00
	20.5%	21	0	20.40%	0	0	53.00	53.25
	21%	2	0	21.35%	0	0	44.70	44.00
	30%	28	0	29.88%	0	0	61.76	62.00
	32%	31	0	31.81%	0	0	65.62	66.00
	33.5%	2	0	33.60%	0	0	69.20	69.00
		90	0					
Ocilla Oil and Fertilizer Company	3-76-9-9T	6	0	3.20-78-8.98-10.77	0	0	38.25	36.04
	3-76-9-13T	7	0	3.09-81-9.10-12.54	0	0	39.04	40.04
	4-8-12	1	0	4.25-7.60-12.80	0	0	37.15	36.00
	4-12-12	5	1	4.02-11.26-11.86	4.10-10.50-12.30	39.10	39.18	40.00
	5-10-15	19	2	4.88-9.50-14.84	5.33-12.15-11.73	43.87	42.98	44.00
		38	3					
Omega Fertilizer Works (Division of Kerr-McGee Oil Industries, Inc.)	3-76-9-9T	1	0	3.40-75-8.80-9.80	0	0	38.75	36.04
	5-10-15	1	0	5.00-9.50-14.40	0	0	42.90	44.00
		2	0					





Manufacturer or Registrant	Grades Sampled	Number of Meeting Requirements	Number of Deficiencies	Average Analysis of Meeting Requirements	Average Analysis of Deficiencies	Found Commercial Value of Deficiencies	Found Commercial Value Meeting Requirements	Assessed Commercial Value
Pelham Phosphate Company	3-76-9-9T 4-8-8 4-12-12 5-10-15	2 1 9 16 <u>28</u>	0 0 0 1 <u>1</u>	3.10-76-9.10-10.35 3.75-8.00-8.80 4.30-11.47-12.47 5.00-10.09-15.08	0 0 0 4.60-10.60-13.00	0 0 0 41.40	37.93 32.05 40.84 44.17	36.04 32.00 40.00 44.60
Phillips Petroleum Company	32%	4 <u>4</u>	0 <u>0</u>	31.76%	0	0	65.52	66.00
Planters Warehouse Company	5-10-15 6-12-12 19%	1 4 2 <u>7</u>	0 0 0 <u>0</u>	5.00-10.10-15.50 6.10-12.00-11.00 18.90%	0 0 0	0 0 0	44.60 46.15 39.80	44.00 46.00 40.00
Planters Warehouse and Loan Company	3-76-9-9T 4-8-8 4-12-12 5-10-15	2 1 5 10 <u>18</u>	0 0 0 0 <u>0</u>	3.13-73-9.35-8.80 3.70-7.40-7.70 4.05-11.76-12.02 4.80-10.09-14.99	0 0 0 0	0 0 0 0	37.49 30.20 39.93 43.48	36.04 32.00 40.00 44.00
Redwine Fertilizer Company	0-14-14 4-12-12	1 1 <u>2</u>	0 1 <u>1</u>	0-14.80-13.30 4.20-11.50-12.00	0 4.75-10.50-12.90	0 41.65	32.10 40.10	32.00 40.00
The Reliance Fertilizer Company	0-10-20 3-68-9-9T 3-76-9-9T 3-76-9-13T 3-76-12-12T 4-76-8-12T 4-12-12 5-10-15 6-12-12	3 2 8 3 24 3 18 46 5 <u>112</u>	0 0 0 0 0 0 0 0 0 <u>0</u>	0-9.87-19.70 3.33-67-8.75-9.45 3.21-74-9.05-9.52 3.27-72-8.67-13.47 3.29-74-11.83-12.31 4.08-74-8.17-12.47 4.00-11.56-11.77 4.86-10.09-14.62 5.98-11.70-12.20	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	33.57 39.87 38.01 42.39 44.03 44.30 39.33 43.29 45.84	34.00 37.72 36.04 40.04 42.04 42.72 40.00 44.00 46.00
Roche Manufacturing Company	4-12-12	1 <u>1</u>	0 <u>0</u>	4.05-12.50-12.70	0	0	41.35	40.00
Rockdale Farmers Association	12-6-8	1 <u>1</u>	0 <u>0</u>	12.30-5.50-9.20	0	0	55.60	54.00
Rowe Warehouse and Fertilizer Company	4-12-12 5-10-15 6-12-12	1 0 4 <u>5</u>	0 1 0 <u>1</u>	3.90-11.60-12.50 0 6.00-11.80-11.85	0 5.70-13.30-12.05 0	0 46.45 0	39.80 0 45.65	40.00 44.00 46.00
The F. S. Royster Guano Company	3-80-9-9T 3-80-9-13T 3-9-24 4-80-8-12T 4-8-8 4-12-12 5-10-15 6-12-12 10-10-10 15-0-15 33.5%	57 16 10 3 2 147 160 59 1 3 1 <u>459</u>	3 2 0 1 0 4 1 1 0 0 0 <u>12</u>	3.19-82-8.97-9.20 3.14-81-8.98-12.37 3.24-9.31-24.04 3.95-84-8.63-11.97 4.08-8.45-8.90 4.19-11.74-12.18 4.94-10.04-14.84 5.88-11.56-11.97 9.50-10.30-10.20 14.87-0-16.17 33.6%	3.17-83-10.36-9.89 3.13-78-9.30-11.53 0 3.80-83-8.80-12.00 0 4.11-11.03-11.75 5.00-11.50-12.20 5.30-12.30-10.10 0 0 0 0	37.54 39.05 0 40.82 0 39.11 42.70 42.30 0 0 0 0	35.75 38.97 47.07 40.86 33.59 40.49 43.70 45.17 53.00 64.78 69.20	35.20 39.20 46.00 41.60 32.00 40.00 44.00 46.00 54.00 64.00 69.00
Screven Oil Mill	3-76-9-9T 4-73-8-8T 4-12-12 5-10-15	1 1 2 5 <u>9</u>	0 0 0 0 <u>0</u>	2.85-78-9.50-9.00 3.95-78-8.80-8.20 4.45-11.50-11.10 4.90-10.20-15.34	0 0 0 0	0 0 0 0	35.46 38.94 39.95 44.24	36.04 39.56 40.00 44.00
Shepard Fertilizer Company	3-76-9-9T 3-76-9-13T 4-12-12 5-10-15 6-12-12 32%	5 4 8 38 1 1 <u>57</u>	0 0 0 0 0 0 <u>0</u>	3.36-74-9.10-9.08 3.16-75-8.95-13.20 4.34-11.61-12.15 4.99-9.52-15.22 6.40-11.60-12.60 31.15%	0 0 0 0 0 0	0 0 0 0 0 0	38.35 41.16 40.78 43.71 47.40 64.30	36.04 40.04 40.00 44.00 46.00 66.00
C. O. Smith Guano Company	3-76-9-9T 3-76-9-13T 4-76-8-12T	36 23 2	1 0 0	3.24-80-9.12-9.60 3.49-79-9.00-13.05 4.13-78-8.40-12.10	3.10-83-9.80-9.50 0 0	36.24 0 0	36.99 41.63 43.26	36.04 40.04 42.72





Manufacturer or Registrant	Grades Sampled	Number Meeting Requirements	Number of Deficiencies	Average Analysis Meeting Requirements	Average Analysis of Deficiencies	Found Commercial Value of Deficiencies	Found Commercial Value Meeting Requirements	Assessed Commercial Value
C. O. Smith Guano Company (Cont'd)	4-8-8 4-12-12 5-10-15 5-10-20 6-12-12 8-8-2 12-0-12 21%	1 37 73 1 9 1 1 7	0 1 2 0 1 0 0 0	4.70-8.80-12.70 4.26-11.66-12.25 5.02-10.01-14.80 4.60-9.50-19.80 5.81-11.37-12.27 7.40-9.40-2.60 11.90-0-11.20 20.96%	0 4.60-12.60-8.00 4.35-10.15-14.55 0 5.30-11.10-11.60 0 0 0	0 38.40 41.75 0 42.60 0 0 0	39.60 40.69 43.87 47.10 45.07 38.20 50.90 43.92	32.00 40.00 44.00 49.00 46.00 38.00 52.00 44.00
Smith Chemical Corporation	19% 21% 32%	4 7 6	0 0 0	19.10% 21.25% 31.97%	0 0 0	0 0 0	40.20 44.50 65.94	40.00 44.00 66.00
Smith Fertilizer Company	3-76-9-9T 3-76-9-13T 4-12-12 5-10-15 20.5% 26%	12 2 37 7 1 1	0 0 0 0 0 0	3.19-78-9.18-8.77 3.03-75-9.55-13.20 4.01-11.49-12.11 4.87-9.93-15.19 20.30% 26.30%	0 0 0 0 0 0	0 0 0 0 0 0	36.42 41.16 39.63 43.73 52.75 54.60	36.04 40.04 40.00 44.00 53.25 54.00
Soperton Guano Company	3-76-9-13T 4-76-8-12T 4-12-12 5-10-15	5 2 3 7	0 0 0 0	3.19-78-9.10-13.86 4.10-78-8.85-12.10 4.03-11.40-12.00 4.68-10.13-15.37	0 0 0 0	0 0 0 0	41.43 44.25 39.49 43.54	40.04 42.72 40.00 44.00
Southeastern Liquid Fertilizer Company	0-14-14 0-12-24 0-26-26 6-18-18 7-14-21 10-20-30 32%	1 1 1 1 6 0 1	0 0 0 1 1 1 0	0-14.60-15.70 0-12.90-22.15 0-24.60-29.10 5.65-19.85-19.20 6.41-13.41-22.75 0 30.80%	0 0 0 5.50-15.30-22.35 5.20-11.20-21.70 7.40-14.70-38.20 0	0 0 0 56.15 50.50 77.10 0	34.30 39.05 57.70 60.00 59.39 0 63.60	32.00 40.00 56.00 58.00 60.00 84.00 66.00
Southern Cotton Oil (Division of Hunt Foods and Industries, Inc.)	0-10-20 3-76-9-9T 3-76-9-13T 4-8-8 4-12-12 4-9-18 5-10-5 5-10-15 6-12-12 15-0-15 32% 60% Potash	3 15 17 14 75 1 1 76 5 3 1 1	0 2 1 1 1 0 0 11 0 0 0 0	0-9.90-20.45 3.16-76-9.35-8.96 2.95-78-9.08-13.13 3.93-8.65-8.36 4.03-12.08-11.93 3.95-9.40-17.10 4.70-11.50-5.01 4.91-10.29-14.49 5.84-11.86-11.54 14.40-0-15.82 32.20% 60.00%	0 3.65-88-11.05-9.55 3.80-87-10.70-11.80 3.10-7.00-9.00 3.00-12.30-12.50 0 0 4.40-10.95-14.39 0 0 0 0 0	0 38.63 40.77 28.20 37.80 0 0 42.54 0 0 0 0	34.35 37.11 39.61 32.80 40.10 42.35 34.61 43.51 44.92 63.02 66.40 50.00	34.00 36.04 40.04 32.00 40.00 43.00 34.00 44.00 46.00 64.00 66.00 50.00
Southern Fertilizer and Chemical Company	3-60-9-9T 3-76-9-9T 3-76-9-13T 3-9-18 4-76-8-12T 4-76-12-12T 4-12-12 5-10-15 6-12-12 10-10-10 15-0-15 50% Potash	3 39 9 1 17 1 59 76 4 1 2 0	3 0 0 0 0 0 0 0 0 0 0 1	3.08-64-9.67-9.00 3.10-74-9.05-8.99 3.23-74-9.33-12.62 2.95-8.80-16.80 3.98-75-8.34-12.08 4.05-74-12.00-12.20 4.01-11.72-12.05 4.89-10.09-14.78 5.99-11.49-12.55 9.80-9.70-10.60 15.57-0-13.98 0	3.18-74-9.27-9.03 0 0 0 0 0 0 0 0 0 0 45.80%	37.65 0 0 0 0 0 0 0 0 0 0 42.00	39.58 37.01 41.52 38.45 43.29 47.70 39.80 43.54 46.01 53.70 64.69 0	39.40 36.04 40.04 40.00 42.72 46.72 40.00 44.00 46.00 54.00 64.00 42.00
Southern Nitrogen Company, Inc.	19% 20.5% 30% 30.02% 32% 33.5%	11 1 9 19 26 9	0 0 0 0 0 0	19.35% 20.30% 30.06% 30.01% 31.87% 33.62%	0 0 0 0 0 0	0 0 0 0 0 0	40.70 52.75 62.12 62.02 65.74 69.24	40.00 53.25 62.00 62.04 66.00 69.00
Southern States Phosphate and Fertilizer Company	0-14-14 3-76-9-9T 3-76-9-13T	1 30 7	0 0 1	0-14.40-14.90 3.04-76-9.30-9.02 3.23-76-9.27-12.94	0 0 3.10-76-9.50-13.60 Chlorine Penalty	0 0 41.72	33.30 36.55 41.36	32.00 36.04 40.04



Manufacturer or Registrant	Grades Sampled	Number Meeting Requirements	Number of Deficiencies	Average Analysis Meeting Requirements	Average Analysis of Deficiencies	Found Commercial Value of Deficiencies	Found Commercial Value Meeting Requirements	Assessed Commercial Value
Southern States Phosphate and Fertilizer Company (Cont'd)	3-9-18T : 4-76-9-3T : 4-76-8-12T : 4-8-8 : 4-12-12 : 5-10-15 : 6-8-6 : 6-12-12 : 6-3-24 : 14-0-14 : 16-0-6 Enkay : 16-0-16 : 20.5% :	2 : 1 : 6 : 1 : 64 : 52 : 1 : 1 : 4 : 1 : 1 : 3 : 2 :	0 : 0 : 0 : 0 : 0 : 1 : 0 : 0 : 1 : 0 : 2 : 0 :	2.98-9.15-18.00 : 3.65-77-9.50-3.25 : 3.98-77-8.27-12.03 : 5.30-8.80-10.00 : 4.01-11.59-11.91 : 4.88-10.09-14.65 : 6.10-8.30-6.90 : 6.10-12.20-12.10 : 5.95-3.15-25.73 : 14.35-0-13.50 : 17.50-0-6.00 : 16.02-0-15.15 : 20.30% :	0 : 0 : 0 : 0 : 0 : 4.25-11.00-13.10 : 0 : 0 : 5.00-4.50-23.60 : 0 : 0 : 14.35-0-15.80 : 0 :	0 : 0 : 0 : 0 : 0 : 40.85 : 0 : 0 : 47.10 : 0 : 0 : 62.85 : 0 :	40.09 : 33.58 : 42.68 : 38.70 : 39.53 : 43.38 : 37.50 : 46.60 : 50.73 : 60.55 : 62.50 : 67.21 : 52.75 :	40.00 : 34.72 : 42.72 : 32.00 : 40.00 : 44.00 : 36.00 : 46.00 : 49.00 : 60.00 : 58.00 : 68.00 : 53.25 :
Spencer Chemical Company	32% : 33.5% :	12 : 3 :	0 : 0 :	31.89% : 33.48% :	0 : 0 :	0 : 0 :	65.78 : 68.96 :	66.00 : 69.00 :
Stevens Industries, Inc.	4-12-12 : 4-10-13 : 5-10-15 : 6-12-12 : 15-0-12 :	13 : 0 : 17 : 1 : 1 :	0 : 1 : 0 : 0 : 0 :	4.04-11.74-12.13 : 0 : 4.85-10.08-14.83 : 6.10-11.70-12.00 : 14.35-0-13.00 :	0 : 4.10-10.50-11.20 : 0 : 0 : 0 :	0 : 38.00 : 0 : 0 : 0 :	39.99 : 0 : 43.46 : 46.00 : 60.05 :	40.00 : 39.00 : 44.00 : 46.00 : 61.00 :
Stevens Warehouse Company	4-8-8 :	2 : 2 :	0 : 0 :	4.48-8.50-8.30 :	0 :	0 :	34.24 :	32.00 :
R. F. Strickland Company, Inc.	5-10-15 : 62% Potash :	1 : 1 :	1 : 0 :	5.10-10.10-13.70 : 60.86% :	4.35-10.05-14.92 : 0 :	41.63 : 0 :	43.10 : 50.68 :	44.00 : 50.00 :
Sunbeam Service and Supply, Inc.	6-12-12 :	3 : 3 :	0 : 0 :	6.10-12.42-11.53 :	0 :	0 :	46.25 :	46.00 :
Swift and Company AgriChem Division	0-14-14 : 0-10-20 : 2-10-20 : 3-72-9-9T : 3-76-9-9T : 3-76-9-13T : 3-9-18 : 4-76-8-12T : 4-8-8 : 4-8-16 : 4-12-12 : 5-10-15 : 6-8-12 : 6-10-4 : 6-12-12 : 8-8-8 : 8-24-24 : 10-20-30 : 15-0-15 : 20.5% : 32% : 33.5% : 60% Potash :	0 : 3 : 5 : 1 : 14 : 27 : 1 : 7 : 5 : 3 : 124 : 222 : 1 : 2 : 36 : 1 : 5 : 6 : 3 : 1 : 5 : 5 : 1 :	1 : 0 : 0 : 0 : 0 : 0 : 0 : 0 : 0 : 0 : 4 : 13 : 0 : 0 : 4 : 0 : 0 : 3 : 0 : 0 : 0 : 0 :	0 : 0-10.17-19.62 : 2.36-9.50-19.67 : 3.05-77-9.50-9.40 : 3.78-79-8.94-9.19 : 3.74-80-8.83-12.68 : 3.55-9.00-18.00 : 4.61-80-8.07-12.03 : 4.78-9.02-10.14 : 3.75-7.83-15.75 : 4.09-11.35-12.07 : 4.87-9.94-14.84 : 6.10-8.00-12.30 : 5.90-9.50-4.95 : 6.11-11.71-11.86 : 7.60-8.50-9.00 : 9.87-24.14-22.42 : 9.68-20.90-28.22 : 14.53-0-15.18 : 20.50% : 32.55% : 33.53% : 59.80% :	0-16.20-11.80 : 0 : 0 : 0 : 0 : 0 : 0 : 0 : 0 : 0 : 4.00-9.85-12.68 : 4.72-10.05-13.74 : 0 : 0 : 4.78-12.33-12.39 : 0 : 0 : 9.28-19.50-27.12 : 0 : 0 : 0 : 0 :	30.00 : 0 : 0 : 0 : 0 : 0 : 0 : 0 : 0 : 0 : 38.53 : 41.95 : 0 : 0 : 43.06 : 0 : 0 : 78.46 : 0 : 0 : 0 : 0 :	0 : 33.79 : 40.25 : 36.95 : 36.04 : 41.98 : 41.65 : 44.37 : 37.50 : 38.83 : 39.69 : 43.39 : 42.00 : 36.15 : 45.90 : 44.30 : 80.17 : 82.16 : 62.77 : 53.25 : 67.10 : 69.06 : 49.04 :	32.00 : 34.00 : 40.00 : 36.88 : 36.04 : 40.04 : 40.00 : 42.72 : 32.00 : 40.00 : 40.00 : 44.00 : 42.00 : 36.00 : 46.00 : 44.00 : 76.00 : 84.00 : 64.00 : 53.25 : 66.00 : 69.00 : 50.00 :
T. F. Taylor Fertilizer Works, Incorporated	3-76-9-9T : 3-76-9-15T : 4-8-8 : 4-12-12 : 5-10-15 : 6-12-12 :	3 : 1 : 1 : 7 : 31 : 1 :	0 : 0 : 0 : 0 : 2 : 0 :	2.93-74-8.50-10.10 : 3.20-74-8.50-15.70 : 4.00-7.70-8.80 : 4.12-11.20-12.16 : 4.77-9.78-15.27 : 5.60-11.30-12.20 :	0 : 0 : 0 : 0 : 4.20-10.45-14.63 : 0 :	0 : 0 : 0 : 0 : 41.68 : 0 :	36.71 : 43.61 : 32.50 : 39.72 : 43.36 : 44.30 :	36.04 : 42.04 : 32.00 : 40.00 : 44.00 : 46.00 :
Tennessee Corporation	0-10-20 : 4-8-8 : 4-12-12 : 5-10-15 : 6-8-6 : 6-12-12 : 8-8-8 : 15-0-15 : 20% Super :	1 : 2 : 102 : 52 : 3 : 18 : 4 : 1 : 1 :	0 : 0 : 0 : 1 : 0 : 2 : 1 : 0 : 0 :	0-9.70-20.10 : 4.13-9.45-10.30 : 4.08-11.49-12.14 : 4.91-9.77-14.93 : 5.67-8.47-6.97 : 5.74-11.66-12.15 : 7.76-8.00-8.28 : 14.70-0-17.10 : 20.40% :	0 : 0 : 0 : 4.60-10.50-13.30 : 0 : 5.60-12.75-10.50 : 6.90-8.20-7.60 : 0 : 0 :	0 : 0 : 0 : 41.60 : 0 : 44.05 : 40.50 : 0 : 0 :	33.80 : 36.14 : 39.87 : 43.43 : 36.45 : 45.03 : 43.56 : 65.20 : 22.40 :	34.00 : 32.00 : 40.00 : 44.00 : 36.00 : 46.00 : 44.00 : 64.00 : 22.00 :





Manufacturer or Registrant	Grades Sampled	Number of Meeting Requirements	Number of Deficiencies	Average Analysis of Meeting Requirements	Average Analysis of Deficiencies	Found Commercial Value of Deficiencies	Found Commercial Value Meeting Requirements	Assessed Commercial Value
Tennessee Corporation of Unadilla	8-24-24 10-20-20	1 0 1	0 1 1	3.10-23.40-24.60 0	0 8.80-19.60-18.85	0 66.85	76.30 0	76.00 74.00
Thomasville Fertilizer Company	4-12-12 5-10-15	6 6 12	0 0 0	3.96-11.73-12.00 4.79-10.03-14.62	0 0	0 0	39.61 43.02	40.00 44.00
Thompson Sales Company, Inc.	0-18-0	1 1	0 0	18.00%	0	0	20.00	20.00
Toney Brothers	3-76-9-9T 4-12-12 5-10-15	3 5 6 14	0 0 0 0	3.22-76-8.87-9.03 4.00-11.88-11.76 4.94-9.78-14.90	0 0 0	0 0 0	37.02 39.64 43.50	36.04 40.00 44.00
Turner Fertilizer Company, Inc.	4-12-12 6-12-12	17 3 20	0 0 0	4.02-11.49-11.96 6.00-11.33-11.57	0 0	0 0	39.51 44.90	40.00 46.00
Valley Fertilizer Company for Hydro-Pak Company Savannah, Georgia	20-20-5	2 2	0 0	19.95-19.90-5.03	0	0	88.78	89.00
Vidalia Fertilizer Company	4-12-12 5-10-15	2 1 3	0 0 0	3.97-11.60-11.90 4.90-10.40-14.60	0 0	0 0	39.41 43.70	40.00 44.00
Virginia-Carolina Chemical Company	0-14-14 0-10-20 2-10-20 3-76-9-9T 3-76-9-13T 3-9-18 4-76-8-12T 4-8-8 4-12-12 4-9-18 5-46-4-7T 5-46-4-8T 5-10-15 6-8-6 6-12-12 8-8-8 10-20-20 15-0-15	6 8 1 65 19 1 4 14 213 5 1 1 255 3 24 3 1 5 629	1 0 0 0 1 0 0 1 0 0 0 12 0 1 1 0 1 1 19	0-14.27-13.85 0-10.20-20.33 2.50-9.90-19.80 3.00-77-9.25-9.51 2.89-78-9.05-13.36 2.90-9.70-17.85 3.83-78-8.83-11.68 3.89-8.16-8.26 4.02-11.87-12.10 4.07-8.84-17.24 4.60-30-4.30-6.70 4.90-29-4.70-8.10 4.85-10.12-14.73 6.30-8.47-5.85 5.85-11.76-11.95 7.29-8.60-8.27 9.30-19.00-19.88 14.62-0-15.18	0-13.70-9.10 0 0 0 3.10-81-9.80-13.40 Chlorine Penalty 0 4.10-97-9.40-12.60 0 2.51-12.00-14.00 0 0 0 4.74-10.79-13.02 0 5.20-12.80-12.65 6.20-8.90-9.80 0 13.35-0-14.00	26.80 0 0 0 40.70 0 39.21 0 37.53 0 0 42.03 0 45.05 41.30 0 58.05	32.12 34.61 41.20 36.97 39.56 40.25 41.88 32.09 40.03 42.29 51.34 52.43 43.40 37.22 45.26 42.82 70.78 63.04	32.00 34.00 40.00 36.04 40.04 40.00 42.72 32.00 40.00 43.00 48.90 49.90 44.00 36.00 46.00 44.00 74.00 64.00
Waters Nitrogen Company	0-26-26 0-18-36 8-24-24 10-20-30 12-24-24	2 1 2 8 1 14	0 0 1 1 0 2	0-26.30-24.60 0-21.40-34.20 7.75-24.55-23.50 10.30-20.89-26.94 11.20-24.80-24.40	0 0 6.60-23.50-24.60 11.00-25.50-25.95 0	0 0 69.90 86.45 0	54.90 59.60 75.30 84.73 86.80	56.00 58.00 76.00 84.00 88.00
Waynesboro Fertilizer Company, Inc.	4-12-12 5-10-15	4 2 6	0 0 0	3.91-11.43-11.95 4.88-10.25-14.13	0 0	0 0	39.11 43.02	40.00 44.00
Wilson and Toomer Fertilizer Company	2-10-20 3-76-9-9T 3-76-9-13T 4-78-8-12T 4-79-8-10T 4-12-12 5-10-10 5-10-15 6-8-8 6-12-12 6-3-24 15-0-15	6 24 2 9 2 31 1 51 1 1 1 1 130	0 0 0 0 0 3 0 3 0 0 0 0 6	2.35-10.20-19.59 3.35-77-9.08-10.29 3.20-77-8.85-15.35 4.33-76-8.07-13.04 4.48-77-7.95-10.30 4.31-11.79-12.14 5.10-10.00-11.80 5.23-10.15-14.98 6.80-9.50-9.40 6.30-11.50-12.40 6.40-3.10-24.20 15.05-0-17.10	0 0 0 0 0 3.80-14.70-9.20 0 7.22-10.77-12.81 0 0 0 0	0 0 0 0 0 39.30 0 49.24 0 0 0 0 0	40.84 38.81 42.98 45.38 42.90 40.86 41.10 44.82 43.30 46.80 50.50 66.25	40.00 36.04 40.04 42.46 39.88 40.00 39.00 44.00 38.00 46.00 49.00 64.00





Lime Results	Grades	Meeting	Guaranteed	Found
Manufacturer or Registrant	Sampled	Requirements	Analysis	Analysis
Bridgeboro Lime and Stone Company:	85%	$\frac{3}{3}$	85%	96%
Dixie Lime and Stone Company	85%	$\frac{4}{5}$	85%	97%
	88.5%	$\frac{5}{9}$	88.5%	94%
The Georgia Marble Company, Willingham-Little Stone Division	95%	$\frac{20}{20}$	95%	97%
Marble Products Company	95%	$\frac{11}{11}$	95%	96%

Number Companies Represented----- 115  
 Number Brands and Grades Represented----- 546  
 Number of Samples Meeting Requirements----- 6559  
 Number of Samples Deficient----- 200  
 Total Samples Covered in This Report----- 6759  
 % Meeting Requirements----- 96.96  
 % Samples Deficient----- 3.04  
 Average Excess CV of Samples Meeting Requirements----- \$ .03  
 Average Deficiency CV of Samples Meeting Requirements----- \$ .88  
 Number of Lime Samples----- 43

## NOTE-----KEY TO PENALTIES

T. N.-----Subject to 25% Penalty, Short 10% in Nitrogen.

P2O5-----Subject to 25% Penalty, Short 10% in Phosphoric Acid.

K2O-----Subject to 25% Penalty, Short 10% in Potash.

W. I. N.-----Subject to 10% Penalty, Excessive Water Solubility Nitrogen.

C. V.-----Subject to 25% Penalty, Short 4% Commercial Value.

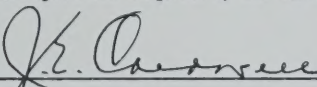
Chlorine------(In Tobacco Brands) Subject to 10% Penalty, Excess of More Than 1/2 of 1%.

Nitrate Nitrogen Subject to 5% Penalty of Commercial Value, Short 10% of Guarantee.

For Penalties on Secondary Plant Food Refer to THE GEORGIA FERTILIZER ACT OF 1960, Section 8, Paragraph 6, 7, and 8.

For Penalties on Trace Elements Refer to AMENDMENTS TO RULES AND REGULATIONS, Adopted September 26, 1961.

This report was compiled by the Fertilizer Section of the Georgia Department of Agriculture.

  
 J. E. Caldwell, Chief  
 Fertilizer Section









3 0112 072699645